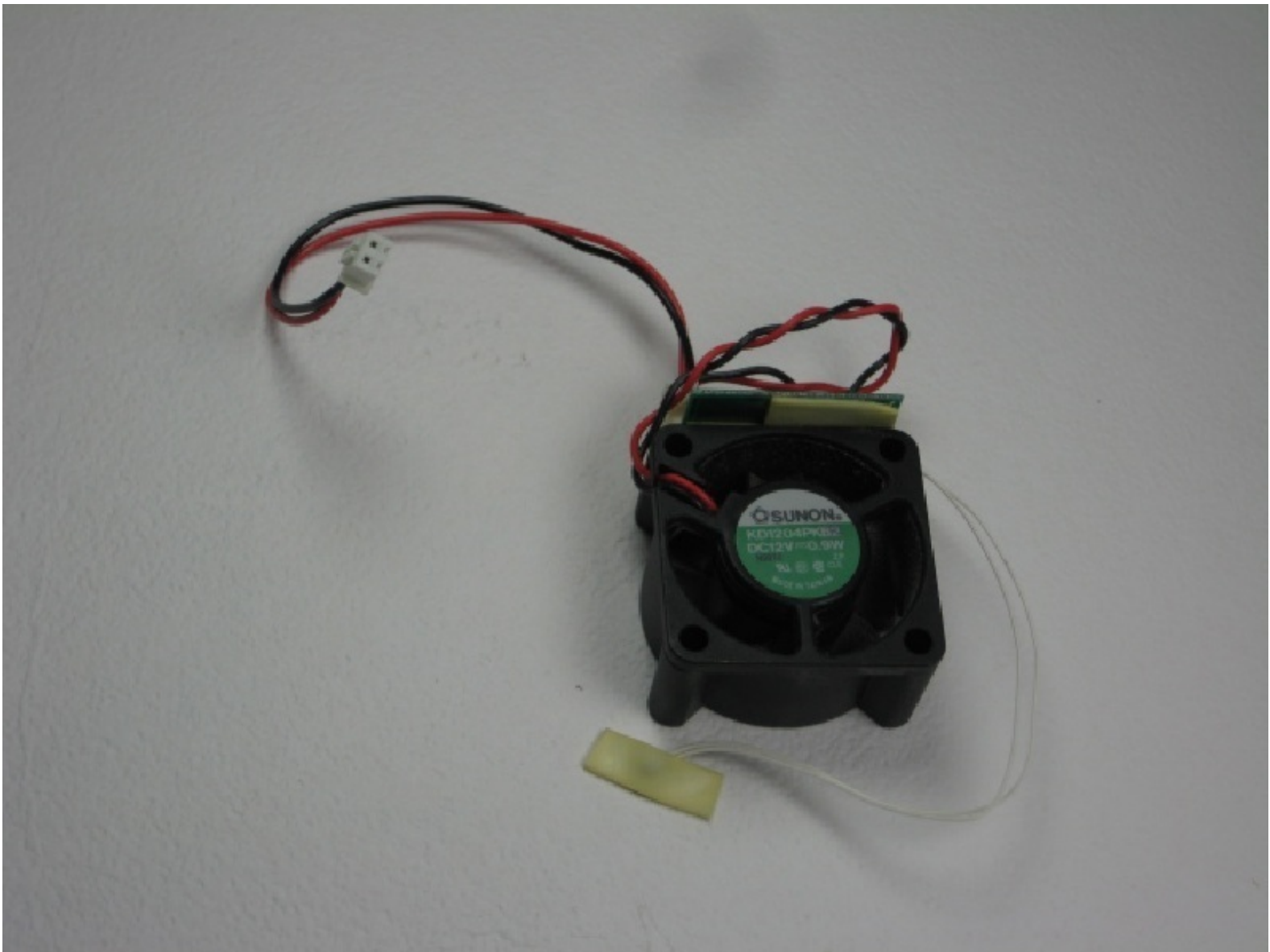




APS Tech 101629 Exhaust Fan Replacement

This guide will give directions on how to remove the case of the CD-Drive and replace a worn out fan.

Written By: Patrick Meyer



INTRODUCTION

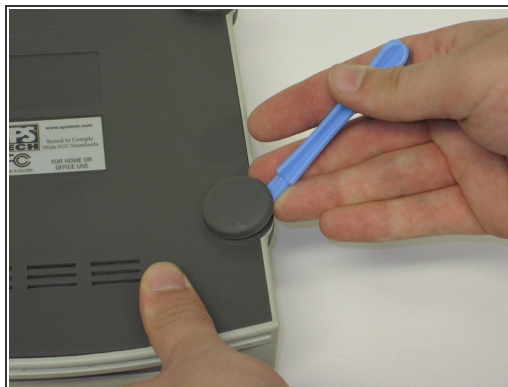
This repair guide will walk you through the steps to removing and replacing the fan of your APS Tech 101629 CD-Drive. Fans are easily replaced and the process for removing this fan is fairly simple.

First the casing, channel switch, and power switch will need to be removed.

TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — External Casing



- Pry 4 plastic feet off the bottom of the enclosure using the iPod opening tool.

Step 2



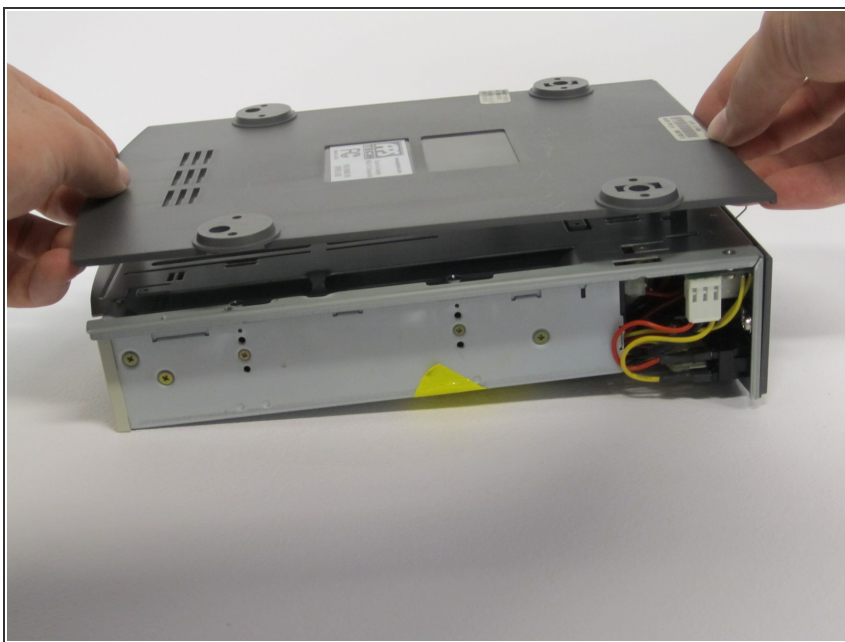
- Unscrew the four screws previously covered by the feet.

Step 3



- Flip the device right side up, then gently slide the casing upwards and off the hard drive.

Step 4



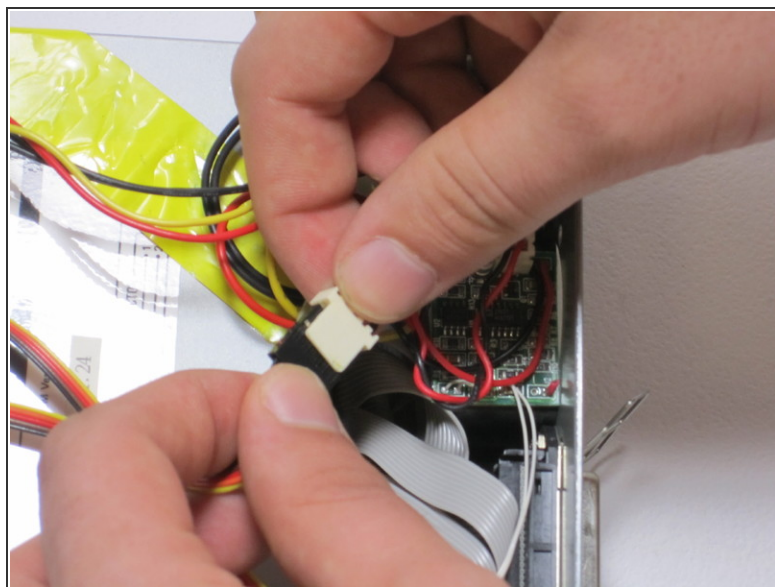
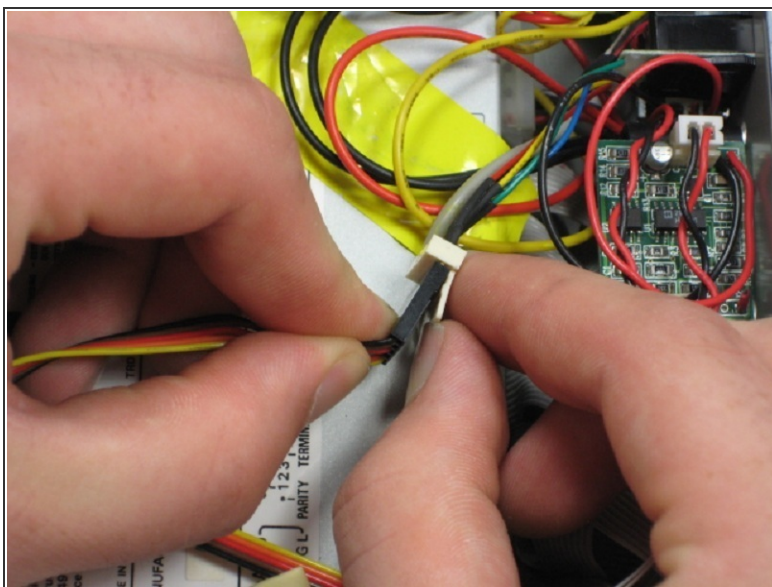
- Flip device upside down again.
- Gently pry the bottom gray casing away from the device.

Step 5



- Rotate so back of device is facing you, then gently pry the back casing away.
- When back casing is removed, the fan will become loose.

Step 6 — Channel Switch

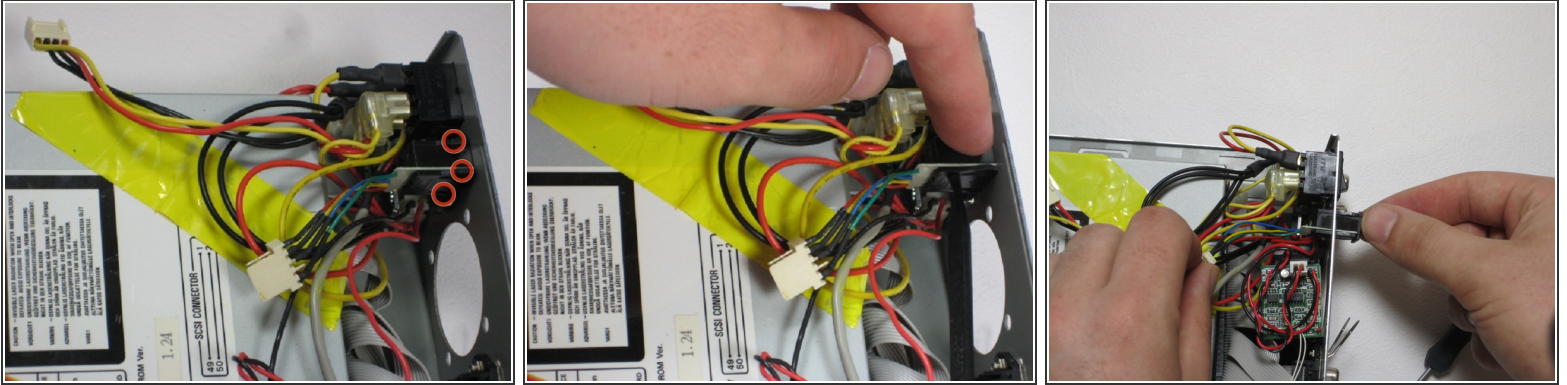


- Disconnect ID cable.



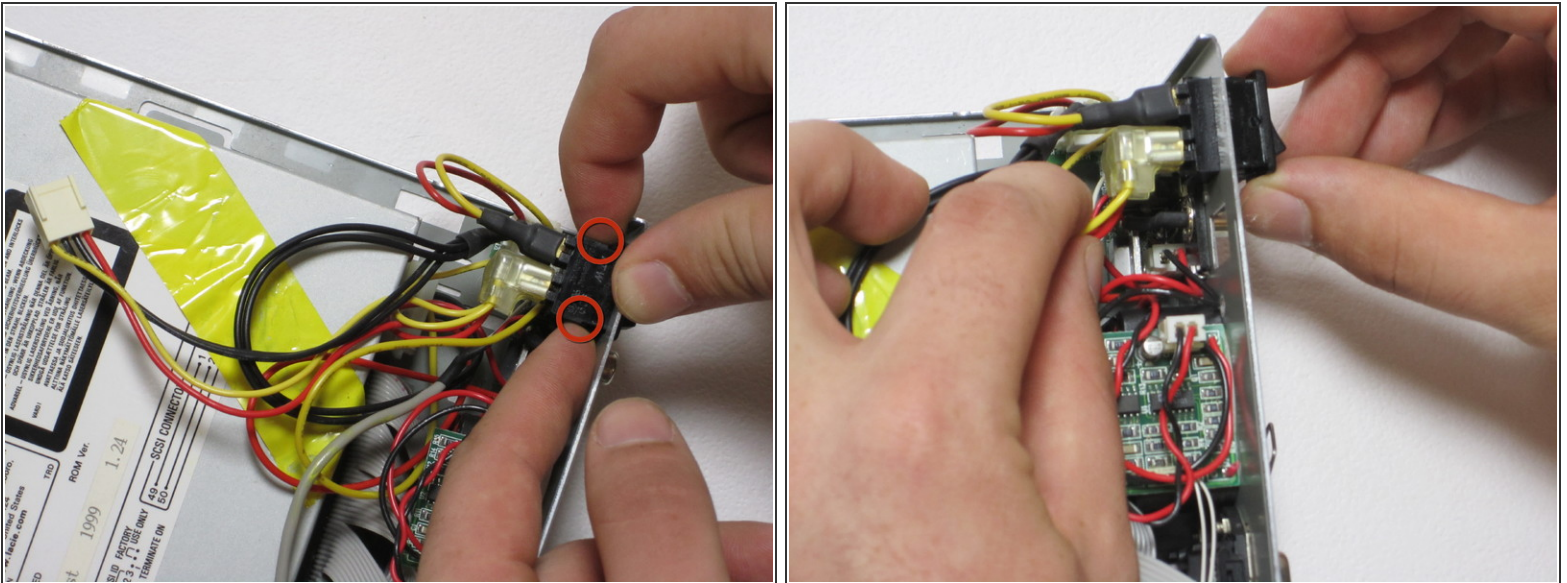
Make sure to lift the white portion of the connection first, as this holds the two connectors together.

Step 7



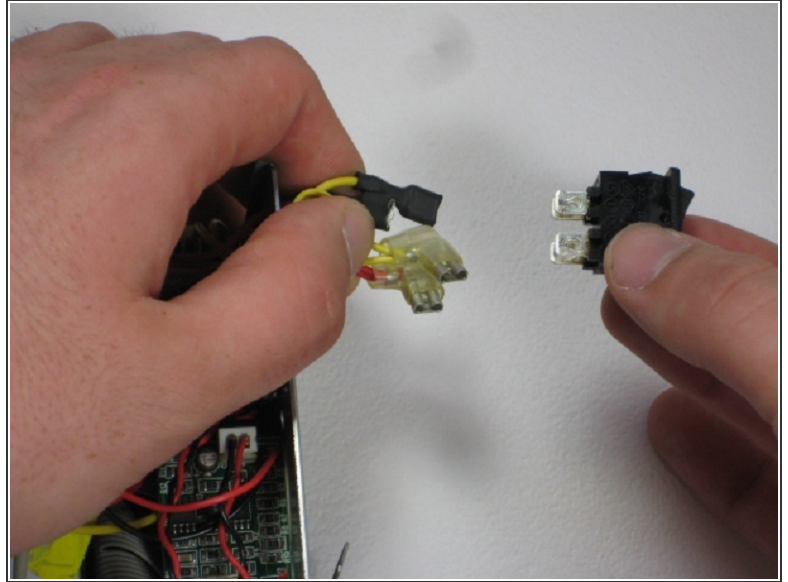
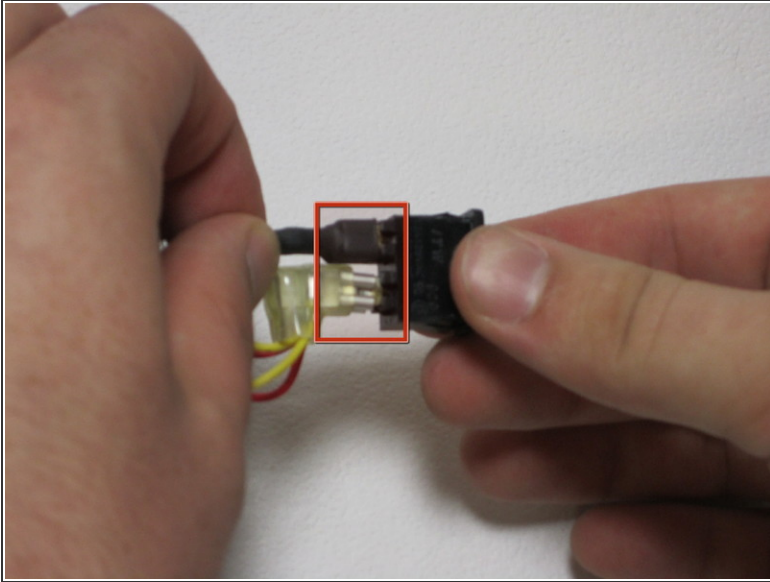
- For easier access the fan is loose and can be easily moved but not disconnected.
- Using spudger, depress pressure holders at all 4 corners.
- Pull out, removing cord as well.

Step 8 — Power Switch



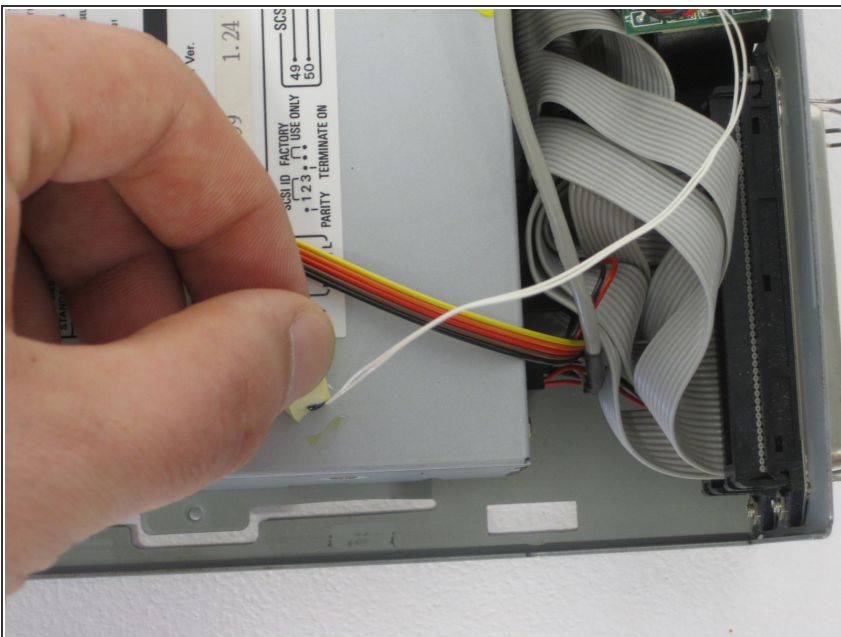
- Depress 2 pressure holds on each side of the power switch.
- Press out the back of the device.

Step 9



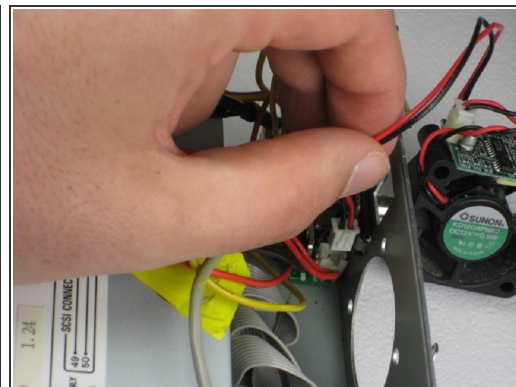
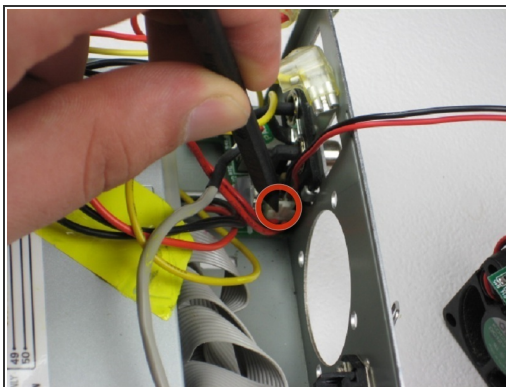
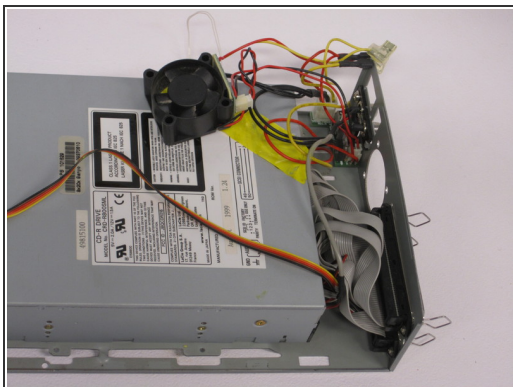
- Remove all four 4 connections from the power switch.
 - Remember that the straight connections are on the far side, while the L-shaped connections are on the near side, and that both yellow connections are on top. This is helpful for reassembly.
- ⓘ These are very hard to get off, use patience and wiggling.

Step 10 — Exhaust Fan



- Remove temperature guage.

Step 11



- Move the exhaust fan out of the way so you can access its control cord.
- Use the spudger to depress the hold on the fan cord.
- Gently pull fan cord from connection and remove fan completely.

To reassemble your device, follow these instructions in reverse order.

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